

## WEST Search History

DATE: Tuesday, March 18, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L4	(L2 and l1) and human	22	L4
L3	(L2 or l1) and human	100	L3
L2	pp2c	58	L2
L1	phosphatase 2c	77	L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 22 returned.**☐ 1. Document ID: US 20030044875 A1

L4: Entry 1 of 22

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044875  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030044875 A1

TITLE: Substrate for PP2C

PUBLICATION-DATE: March 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krieglstein, Josef	Colbe		DE	
Klumpp, Susanne	Marburg		DE	

US-CL-CURRENT: 435/21

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">FIND</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 20030032027 A1

L4: Entry 2 of 22

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032027  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030032027 A1

TITLE: Amplified cancer gene WIP1

PUBLICATION-DATE: February 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Jing	Flushing	NY	US	
Powers, Scott	Greenlawn	NY	US	

US-CL-CURRENT: 435/6; 514/44, 702/20

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">FIND</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 20030027308 A1

L4: Entry 3 of 22

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027308  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027308 A1

TITLE: Novel human protein phosphatases identified from genomic sequencing

PUBLICATION-DATE: February 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plowman, Gregory D.	San Carlos	CA	US	
Whyte, David	Belmont	CA	US	
Manning, Gerard	Menlo Park	CA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## └ 4. Document ID: US 20030014776 A1

L4: Entry 4 of 22

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030014776

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030014776 A1

TITLE: Maternal effect gametophyte regulatory polynucleotide

PUBLICATION-DATE: January 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grossniklaus, Ueli	Uster		CH	
Huck, Norbert	Zurich		CH	
Moore, James M.	Zumikon		CH	

US-CL-CURRENT: 800/287; 435/200, 435/320.1, 435/419, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## └ 5. Document ID: US 20020160378 A1

L4: Entry 5 of 22

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020160378

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020160378 A1

TITLE: Stress-regulated genes of plants, transgenic plants containing same, and methods of use

PUBLICATION-DATE: October 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harper, Jeffrey F.	Del Mar	CA	US	
Kreps, Joel	Carlsbad	CA	US	
Wang, Xun	San Diego	CA	US	
Zhu, Tong	San Diego	CA	US	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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PMOC	Draw Desc	Image
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## └ 6. Document ID: US 20020152502 A1

L4: Entry 6 of 22

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020152502

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020152502 A1

TITLE: Phosphatase stress-related proteins and methods of use in plants

PUBLICATION-DATE: October 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
da Costa e Silva, Oswaldo	Apex	NC	US	
Bohnert, Hans J.	Tucson	AZ	US	
van Thielen, Nocha	Cary	NC	US	
Chen, Ruoying	Apex	NC	US	
Ishitani, Manabu	Cary	NC	US	

US-CL-CURRENT: 800/298; 435/320.1, 435/419, 530/350, 536/23.7, 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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PMOC	Draw Desc	Image
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## └ 7. Document ID: US 20020090703 A1

L4: Entry 7 of 22

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090703

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020090703 A1

TITLE: Mammalian protein phosphatases

PUBLICATION-DATE: July 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plowman, Gregory D.	San Carlos	CA	US	
Martinez, Ricardo	Foster City	CA	US	
Whyte, David	Belmont	CA	US	
Manning, Gerard	Menlo Park	CA	US	
Sudarsanam, Sucha	Greenbrae	CA	US	
Caenepeel, Sean	Oakland	CA	US	
Hill, Ron	Burlingame	CA	US	
Flanagan, Peter	San Francisco	CA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## 8. Document ID: US 20020086296 A1

L4: Entry 8 of 22

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086296

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020086296 A1

TITLE: 26583, a novel serine/threonine phosphatase and uses therefor

PUBLICATION-DATE: July 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	

US-CL-CURRENT: 435/6; 514/100, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## 9. Document ID: US 20020083480 A1

L4: Entry 9 of 22

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020083480

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020083480 A1

TITLE: Transgenic mice containing protein phosphatase 2C gene disruptions

PUBLICATION-DATE: June 27, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Allen, Keith D.	Cary	NC	US	

US-CL-CURRENT: 800/18; 435/196, 435/320.1, 435/354

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## 10. Document ID: US 20020077463 A1

L4: Entry 10 of 22

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020077463

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020077463 A1

TITLE: 16105, a novel protein human phosphatase and uses therefor

PUBLICATION-DATE: June 20, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel	Newton	MA	US	

US-CL-CURRENT: 536/23.1; 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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[Generate Collection](#)[Print](#)**Terms**

(L2 and I1) and human

**Documents**

22

**Display Format:** -[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 22 returned.****11. Document ID: US 20020040490 A1**

L4: Entry 11 of 22

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040490

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040490 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: April 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Martinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	
Page, Amy	Durham	NC	US	
Mathew, Abraham V.	Cary	NC	US	
Ledford, Brooke L.	Holly Springs	NC	US	
Woessner, Jeffrey P.	Hillsborough	NC	US	
Haas, William David	Durham	NC	US	
Garcia, Carlos A.	Carrboro	NC	US	
Kricker, Maja	Pittsboro	NC	US	
Slater, Ted	Apex	NC	US	
Davis, Keith R.	Durham	NC	US	
Allen, Keith	Cary	NC	US	
Hoffman, Neil	Chapel Hill	NC	US	
Hurban, Patrick	Raleigh	NC	US	

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[MMIO](#) | [Draw Desc](#) | [Image](#)**12. Document ID: US 20020040489 A1**

L4: Entry 12 of 22

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040489

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040489 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: April 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Martinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	
Page, Amy	Durham	NC	US	
Mathew, Abraham V.	Cary	NC	US	
Ledford, Brooke L.	Holly Springs	NC	US	
Woessner, Jeffrey P.	Hillsborough	NC	US	
Haas, William David	Durham	NC	US	
Garcia, Carlos A.	Carrboro	NC	US	
Kricker, Maja	Pittsboro	NC	US	
Slater, Ted	Apex	NC	US	
Davis, Keith R.	Durham	NC	US	
Allen, Keith	Cary	NC	US	
Hoffman, Neil	Chapel Hill	NC	US	
Hurban, Patrick	Raleigh	NC	US	

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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13. Document ID: US 20020023280 A1

L4: Entry 13 of 22

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020023280 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:



NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Martinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	
Page, Amy	Durham	NC	US	
Mathew, Abraham V.	Cary	NC	US	
Ledford, Brooke L.	Holly Springs	NC	US	
Woessner, Jeffrey P.	Hillsborough	NC	US	
Haas, William David	Durham	NC	US	
Garcia, Carlos A.	Carrboro	NC	US	
Kricker, Maja	Pittsboro	NC	US	
Slater, Ted	Apex	NC	US	
Davis, Keith R.	Durham	NC	US	
Allen, Keith	Cary	NC	US	
Hoffman, Neil	Chapel Hill	NC	US	
Hurban, Patrick	Raleigh	NC	US	

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## └ 14. Document ID: US 20020012923 A1

L4: Entry 14 of 22

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012923  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020012923 A1

TITLE: Detection of binding of charged species using pH- or potential-sensitive probes

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Barenholz, Yechezkel	Jerusalem		IL	
Hirsch-Lerner, Danielle	Jerusalem		IL	
Cohen, Rivka	Jerusalem		IL	
Dagan, Arie	Jerusalem		IL	
Gatt, Shimon	Jerusalem		IL	

US-CL-CURRENT: 435/6; 435/7.1, 436/172

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## └ 15. Document ID: US 20020009730 A1

L4: Entry 15 of 22

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009730  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020009730 A1

TITLE: Human stress array

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chenchik, Alex	Palo Alto	CA	US	
Lukashev, Matvey E.	Newton	MA	US	

US-CL-CURRENT: 435/6; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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└ 16. Document ID: US 6518029 B1

L4: Entry 16 of 22

File: USPT

Feb 11, 2003

US-PAT-NO: 6518029

DOCUMENT-IDENTIFIER: US 6518029 B1

TITLE: Human hydrolase-like molecules

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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└ 17. Document ID: US 6500628 B1

L4: Entry 17 of 22

File: USPT

Dec 31, 2002

US-PAT-NO: 6500628

DOCUMENT-IDENTIFIER: US 6500628 B1

TITLE: Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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└ 18. Document ID: US 6465232 B1

L4: Entry 18 of 22

File: USPT

Oct 15, 2002

US-PAT-NO: 6465232

DOCUMENT-IDENTIFIER: US 6465232 B1

TITLE: Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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## └ 19. Document ID: US 6132964 A

L4: Entry 19 of 22

File: USPT

Oct 17, 2000

US-PAT-NO: 6132964

DOCUMENT-IDENTIFIER: US 6132964 A

TITLE: Hydrolase enzymes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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PMOC	Draw Desc	Image
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## └ 20. Document ID: WO 2083904 A1

L4: Entry 20 of 22

File: EPAB

Oct 24, 2002

PUB-NO: WO002083904A1

DOCUMENT-IDENTIFIER: WO 2083904 A1

TITLE: REGULATION OF HUMAN PROTEIN PHOSPHATASE 2C-LIKE PROTEIN

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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PMOC	Draw Desc	Image
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Terms	Documents
(L2 and I1) and human	22

Display Format: -[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 22 of 22 returned.**

└ 21. Document ID: WO 9710796 A2

L4: Entry 21 of 22

File: EPAB

Mar 27, 1997

PUB-NO: WO009710796A2

DOCUMENT-IDENTIFIER: WO 9710796 A2

TITLE: MANIPULATION AND DETECTION OF PROTEIN PHOSPHATASE 2C - PP2C alpha - EXPRESSION  
IN TUMOR CELLS FOR CANCER THERAPY, PREVENTION AND DETECTION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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└ 22. Document ID: WO 9710796 A2 AU 9669980 A WO 9710796 A3 EP 876507 A2 CN  
1194667 A JP 11512294 W KR 99044317 A AU 723055 B

L4: Entry 22 of 22

File: DWPI

Mar 27, 1997

DERWENT-ACC-NO: 1997-202595

DERWENT-WEEK: 199718

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TITLE: Detection of protein phosphatase 2C activity - as a marker for the diagnosis  
and therapy of cancers and diseases due to aberrant phosphorylation caused by altered  
PP2C activity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Clip Img	Image
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Terms	Documents
(L2 and I1) and human	22

**Display Format:** -[Change Format](#)[Previous Page](#)[Next Page](#)

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUIDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 27 Oct 21 EVENTLINE has been reloaded  
NEWS 28 Oct 24 BEILSTEIN adds new search fields  
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002  
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 32 Nov 25 More calculated properties added to REGISTRY  
NEWS 33 Dec 02 TIBKAT will be removed from STN  
NEWS 34 Dec 04 CSA files on STN  
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 36 Dec 17 TOXCENTER enhanced with additional content  
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 38 Dec 30 ISMEC no longer available  
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003  
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003  
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 43 Feb 13 CANCERLIT is no longer being updated  
NEWS 44 Feb 24 METADEX enhancements  
NEWS 45 Feb 24 PCTGEN now available on STN  
NEWS 46 Feb 24 TEMA now available on STN  
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 48 Feb 26 PCTFULL now contains images  
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0J(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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=> .eliz

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The previous command name entered was not recognized by the system.

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=> fil .eliz

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE 'BIOTECHNO' ENTERED AT 15:38:29 ON 18 MAR 2003

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```
=> s l1 and l2 and human
    9 FILES SEARCHED...
L3      161 L1 AND L2 AND HUMAN
```

Certain operators may not be nested in combination with other operators. A nested operator is valid only when it occurs at the same level or above the operator outside the nested phrase as determined by the following precedence list:

- ```

1.      Numeric
2.      (W), (NOTW), (A), (NOTA)
3.      (S), (NOTS)
4.      (P), (NOTP)
5.      (L), (NOTL)
6.      AND, NOT
7.      OR

```

For example, '(MONOCLONAL(W)ANTIBOD?)(L)ANTIGEN?' is valid since (W) is above (L) on the precedence list. However, '((THIN(W)LAYER)(L)PHOSPHOLIPID#)(A)LACTONE#' is not valid since (L) is below (A) on the precedence list. The only exception is the 'OR' operator. This operator may be used in combination with any other operator. For example, '(ATOMIC OR NUCLEAR)(W)REACTOR' is valid.

```
=> dup rem 13
PROCESSING COMPLETED FOR L3
L4          49 DUP REM L3 (112 DUPLICATES REMOVED)
```

=> d 1-10

L4 ANSWER 1 OF 49 HCAPLUS COPYRIGHT 2003 ACS  
AN 2003:133433 HCAPLUS  
TI Compositions and methods for modulation of DARPP-32 phosphorylation  
IN Greencard, Paul; Svenningsson, Per; Rakhilin, Sergey V.; Starkova, Natalia  
PA The Rockefeller University, USA  
SO PCT Int. Appl., 166 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

|    | PATENT NO.    | KIND                                                                                                                                                                                                                                                            | DATE     | APPLICATION NO. | DATE     |
|----|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------|
| PI | WO 2003014321 | A2                                                                                                                                                                                                                                                              | 20030220 | WO 2002-US25455 | 20020812 |
|    | W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, |          |                 |          |

PL, PT, RO, RU, S, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

PRAI US 2001-311641P P 20010810

L4 ANSWER 2 OF 49 HCAPLUS COPYRIGHT 2003 ACS DUPLICATE 1

AN 2002:814324 HCAPLUS

DN 137:334066

TI Sequences of a novel **human protein phosphatase**  
**2C** sequence homolog and uses in diagnosis, therapy and drug  
 screening

IN Smolyar, Alex

PA Bayer Aktiengesellschaft, Germany

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | WO 2002083904 | A1   | 20021024 | WO 2002-EP3305  | 20020325 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-278743P P 20010327

US 2002-348607P P 20020117

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 49 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI

AN 2002-13518 BIOTECHDS

TI Polymer based intracellular delivery system for protein phosphatases  
 useful for intracellular delivery of protein phosphatases for tumor  
 therapy;  
 plasmid pET28b vector-mediated recombinant protein gene transfer and  
 expression in Escherichia coli for hydroxypropyl methacrylamide  
 copolymer-**PP2C** conjugate construction for tumor diagnosis  
 and therapy

AU LAVI S; SATCHI-FAINARO R

PA UNIV RAMOT APPLIED RES and IND DEV LTD

PI WO 2002007670 31 Jan 2002

AI WO 2000-IL688 26 Jul 2000

PRAI US 2000-668714 22 Sep 2000

DT Patent

LA English

OS WPI: 2002-382334 [41]

L4 ANSWER 4 OF 49 MEDLINE

AN 2002325563 MEDLINE

DN 22063732 PubMed ID: 12068129

TI The complement of protein phosphatase catalytic subunits encoded in the  
 genome of Arabidopsis.

AU Kerk David; Bulgrien Joshua; Smith Douglas W; Barsam Brooke; Veretnik  
 Stella; Gribskov Michael

CS Department of Biology, Point Loma Nazarene University, 3900 Lomaland  
 Drive, San Diego, CA 92106, USA.. dkerk@ptloma.edu

SO PLANT PHYSIOLOGY, (2002 Jun) 129 (2) 908-25.

Journal code: 0401224. ISSN: 0032-0889.



CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200208  
ED Entered STN: 20020618  
Last Updated on STN: 20020924  
Entered Medline: 20020829

L4 ANSWER 5 OF 49 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:335819 BIOSIS  
DN PREV200200335819  
TI Regulation of protein phosphatase 2A by hydrogen peroxide and glutathionylation.  
AU Rao, R. K. (1); Clayton, L. W.  
CS (1) Department of Physiology, University of Tennessee Health Sciences Center, Memphis, TN, 38163: rkrao@physiol.utmem.edu USA  
SO Biochemical and Biophysical Research Communications, (April 26, 2002) Vol. 293, No. 1, pp. 610-616. <http://www.academicpress.com/bbrc>. print.  
ISSN: 0006-291X.  
DT Article  
LA English

L4 ANSWER 6 OF 49 MEDLINE  
AN 2002128625 MEDLINE  
DN 21853182 PubMed ID: 11864573  
TI The p21-activated kinase PAK is negatively regulated by POPX1 and POPX2, a pair of serine/threonine phosphatases of the **PP2C** family.  
AU Koh Cheng-Gee; Tan E-Jean; Manser Edward; Lim Louis  
CS Institute of Molecular and Cell Biology, 30 Medical Drive, 117609, Singapore, Singapore.. mcbkohcg@imcb.nus.edu.sg  
SO CURRENT BIOLOGY, (2002 Feb 19) 12 (4) 317-21.  
Journal code: 9107782. ISSN: 0960-9822.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200207  
ED Entered STN: 20020227  
Last Updated on STN: 20020810  
Entered Medline: 20020712

L4 ANSWER 7 OF 49 MEDLINE DUPLICATE 2  
AN 2002702589 MEDLINE  
DN 22351696 PubMed ID: 12464270  
TI Molecular cloning and characterization of protein **phosphatase 2C** of vomeronasal sensory epithelium of garter snakes.  
AU Wang Dalton; Liu Weimin; Liu Jinming; Chen Ping; Quan Wei; Halpern Mimi  
CS Department of Biochemistry, SUNY Downstate Medical Center, Brooklyn, NY 11203, USA.. dwang@downstate.edu  
NC DC 00104 (NIDCD)  
SO ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (2002 Dec 15) 408 (2) 184-91.  
Journal code: 0372430. ISSN: 0003-9861.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D17412; GENBANK-S87759; GENBANK-Y13936  
EM 200301  
ED Entered STN: 20021217  
Last Updated on STN: 20030117  
Entered Medline: 20030116

L4 ANSWER 8 OF 49 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:233992 BIOSIS  
DN PREV200200233992  
TI The Caenorhabditis elegans sex-determining protein FEM-2 and its **human** homologue, hFEM-2, are Ca<sup>2+</sup>/calmodulin-dependent protein kinase phosphatases that promote apoptosis.

AU Tan, Karen Mei Ling; Chan, Ning-Leng; Tan, Kuan Onn; Yu, Y. C. (1)  
CS (1) Institute of Molecular and Cell Biology, 30 Medical Drive, Singapore,  
117609: mcbyuck@imcb.nus.edu.sg Republic of Singapore  
SO Journal of Biological Chemistry, (November 23, 2001) Vol. 276, No. 47, pp.  
44193-44202. <http://www.jbc.org/>. print.  
ISSN: 0021-9258.  
DT Article  
LA English

L4 ANSWER 9 OF 49 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:38488 BIOSIS  
DN PREV200200038488  
TI Tau protein phosphatase activities in the rat heat shock model.  
AU Alikunju, S. (1); Butler, I. J.; Papasozomenos, S. C. (1)  
CS (1) Pathology and Lab Medicine, Univ. of Texas Med. Sch, Houston, TX USA  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2344.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San  
Diego, California, USA November 10-15, 2001  
ISSN: 0190-5295.  
DT Conference  
LA English

L4 ANSWER 10 OF 49 MEDLINE DUPLICATE 3  
AN 2001272332 MEDLINE  
DN 21231163 PubMed ID: 11331582  
TI Modulation of integrin signal transduction by ILKAP, a protein  
**phosphatase 2C** associating with the integrin-linked  
kinase, ILK1.  
AU Leung-Hagesteijn C; Mahendra A; Naruszewicz I; Hannigan G E  
CS Programme in Cell Biology, Research Institute, Hospital for Sick Children,  
555 University Avenue, Toronto, ON, M5G 1X8, Canada.  
SO EMBO JOURNAL, (2001 May 1) 20 (9) 2160-70.  
Journal code: 8208664. ISSN: 0261-4189.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AY024365  
EM 200105  
ED Entered STN: 20010604  
Last Updated on STN: 20030226  
Entered Medline: 20010531

=> d 11-20

L4 ANSWER 11 OF 49 MEDLINE DUPLICATE 4  
AN 2001338684 MEDLINE  
DN 21150446 PubMed ID: 11251817  
TI Plasmodium protein **phosphatase 2C** dephosphorylates  
translation elongation factor 1beta and inhibits its PKC-mediated  
nucleotide exchange activity in vitro.  
AU Mamoun C B; Goldberg D E  
CS Howard Hughes Medical Institute, Washington University School of Medicine,  
Departments of Medicine and Molecular Microbiology, 660 S Euclid Avenue,  
Box 8230, St. Louis, MO 63110, USA.  
NC AI-31615 (NIAID)  
SO MOLECULAR MICROBIOLOGY, (2001 Feb) 39 (4) 973-81.  
Journal code: 8712028. ISSN: 0950-382X.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200106  
ED Entered STN: 20010618  
Last Updated on STN: 20010618  
Entered Medline: 20010614

L4 ANSWER 12 OF 49 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 5  
 AN 2001:481354 BIOSIS  
 DN PREV200100481354  
 TI A recessive contiguous gene deletion of chromosome 2p16 associated with cystinuria and a mitochondrial disease.  
 AU Parvari, Ruti (1); Brodyansky, Irena; Elpeleg, Orly; Moses, Shimon; Landau, Daniel; HersHKovitz, Eli  
 CS (1) Department of Immunology, Faculty of Health Sciences, Ben Gurion University of the Negev, Beer Sheva, 84105: ruthi@bgumail.bgu.ac.il Israel  
 SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4, pp. 869-875. print.  
 ISSN: 0002-9297.  
 DT Article  
 LA English  
 SL English

L4 ANSWER 13 OF 49 MEDLINE DUPLICATE 6  
 AN 2001517667 MEDLINE  
 DN 21448818 PubMed ID: 11563908  
 TI Uniquely conserved non-translated regions are involved in generation of the two major transcripts of protein phosphatase 2Cbeta.  
 AU Seroussi E; Shani N; Ben-Meir D; Chajut A; Divinski I; Faier S; Gery S; Karby S; Kariv-Inbal Z; Sella O; Smorodinsky N I; Lavi S  
 CS Institute of Animal Science, Volcani Center, Bet-Dagan, 50250, Israel.  
 SO JOURNAL OF MOLECULAR BIOLOGY, (2001 Sep 21) 312 (3) 439-51.  
 Journal code: 2985088R. ISSN: 0022-2836.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AJ271832; GENBANK-AJ271833; GENBANK-AJ271834; GENBANK-AJ271835; GENBANK-AJ271836; GENBANK-AJ271837  
 EM 200110  
 ED Entered STN: 20010924  
 Last Updated on STN: 20011022  
 Entered Medline: 20011018

L4 ANSWER 14 OF 49 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2002:165411 BIOSIS  
 DN PREV200200165411  
 TI Modulation of integrin signal transduction by ILKAP, an ILK-associated protein **phosphatase 2C**.  
 AU Hannigan, Greg E. (1); Mahendra, Ahalya (1); Leung-Hagesteijn, Chungyee (1); Naruszewicz, Izabela (1); Wang, Ping (1)  
 CS (1) Cell Biology Program, Hospital for Sick Children, 555 University Ave, Toronto, ON, M5G 1X8 Canada  
 SO Molecular Biology of the Cell, (Nov, 2001) Vol. 12, No. Supplement, pp. 323a. <http://www.molbiolcell.org/>. print.  
 Meeting Info.: 41st Annual Meeting of the American Society for Cell Biology Washington DC, USA December 08-12, 2001  
 ISSN: 1059-1524.  
 DT Conference  
 LA English

L4 ANSWER 15 OF 49 HCAPLUS COPYRIGHT 2003 ACS  
 AN 2001:884164 HCAPLUS  
 DN 136:179661  
 TI A novel type 2C protein phosphatase from the **human** fungal pathogen *Candida albicans*  
 AU Jiang, Linghuo; Whiteway, Malcolm; Shen, Shi-Hsiang  
 CS Mammalian Cells Genetics Group, Health Sector, National Research Council of Canada, Biotechnology Research Institute, Montreal, QC, H4P 2R2, Can.  
 SO FEBS Letters (2001), 509(1), 142-144  
 CODEN: FEBLAL; ISSN: 0014-5793  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 16 OF 49 MEDLINE DUPLICATE 7  
 AN 2002110609 MEDLINE  
 DN 21834123 PubMed ID: 11845311  
 TI Regulation of the CFTR channel by phosphorylation.  
 AU Dahan D; Evagelidis A; Hanrahan J W; Hinkson D A; Jia Y; Luo J; Zhu T  
 CS Department of Physiology, McGill University, Montreal, Quebec, Canada.  
 NC DK54075 (NIDDK)  
 SO PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (2001) 443 Suppl 1 S92-6.  
 Ref: 42  
 Journal code: 0154720. ISSN: 0031-6768.  
 CY Germany: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW LITERATURE)  
 LA English  
 FS Priority Journals  
 EM 200205  
 ED Entered STN: 20020215  
 Last Updated on STN: 20030105  
 Entered Medline: 20020507

L4 ANSWER 17 OF 49 Elsevier BIOBASE COPYRIGHT 2003 Elsevier Science B.V.  
 AN 2001265523 ESBIODASE  
 TI Regulation of the CFTR channel by phosphorylation  
 AU Dahan D.; Evagelidis A.; Hanrahan J.W.; Hinkson D.A.R.; Jia Y.; Luo J.;  
 Zhu T.  
 CS J.W. Hanrahan, Department of Physiology, McGill University, 3655  
 Drummond St., Montreal, Que. H3G 1Y6, Canada.  
 E-mail: hanrahan@med.mcgill.ca  
 SO Pflugers Archiv European Journal of Physiology, (2001), 443/SUPPL. 1  
 (S92-S96), 42 reference(s)  
 CODEN: PFLABK ISSN: 0031-6768  
 DT Journal; Conference Article  
 CY Germany, Federal Republic of  
 LA English  
 SL English

L4 ANSWER 18 OF 49 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 8  
 AN 2001:646285 SCISEARCH  
 GA The Genuine Article (R) Number: 461WF  
 TI Protein **phosphatase 2C** alpha expression in normal  
**human** tissues: an immunohistochemical study  
 AU Lifschitz-Mercer B; Sheinin Y; Ben-Meir D; Bramante-Schreiber L;  
 Leider-Trejo L; Karby S; Smorodinsky N I; Lavi S (Reprint)  
 CS Tel Aviv Univ, Dept Cell Res & Immunol, IL-69978 Tel Aviv, Israel  
 (Reprint); Tel Aviv Univ, Sackler Fac Med, Tel Aviv Sourasky Med Ctr, Inst  
 Pathol, IL-64239 Tel Aviv, Israel  
 CYA Israel  
 SO HISTOCHEMISTRY AND CELL BIOLOGY, (JUL 2001) Vol. 116, No. 1, pp. 31-39.  
 Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA.  
 ISSN: 0948-6143.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 32  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 19 OF 49 MEDLINE DUPLICATE 9  
 AN 2001048430 MEDLINE  
 DN 20507929 PubMed ID: 10934208  
 TI Dephosphorylation of **human** cyclin-dependent kinases by protein  
 phosphatase type 2C alpha and beta 2 isoforms.  
 AU Cheng A; Kaldis P; Solomon M J  
 CS Department of Molecular Biophysics and Biochemistry, Yale University  
 School of Medicine, New Haven, Connecticut 06520-8114, USA.  
 NC GM47830 (NIGMS)  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Nov 3) 275 (44) 34744-9.  
 Journal code: 2985121R. ISSN: 0021-9258.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF294792  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001214

L4 ANSWER 20 OF 49 MEDLINE DUPLICATE 10  
AN 2000221374 MEDLINE  
DN 20221374 PubMed ID: 10756097  
TI The structure and expression of the murine wildtype p53-induced  
phosphatase 1 (Wip1) gene.  
AU Choi J; Appella E; Donehower L A  
CS Division of Molecular Virology, Baylor College of Medicine, Houston, Texas  
77030, USA.  
NC CA54897 (NCI)  
SO GENOMICS, (2000 Mar 15) 64 (3) 298-306.  
Journal code: 8800135. ISSN: 0888-7543.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF200464  
EM 200005  
ED Entered STN: 20000613  
Last Updated on STN: 20000613  
Entered Medline: 20000531

=> d 21-30

L4 ANSWER 21 OF 49 MEDLINE DUPLICATE 11  
AN 1999410399 MEDLINE  
DN 99410399 PubMed ID: 10480873  
TI Protein **phosphatase 2C** inactivates F-actin binding of  
**human** platelet moesin.  
AU Hishiya A; Ohnishi M; Tamura S; Nakamura F  
CS Department of Environmental Biology, Graduate School of Agricultural  
Science, Tohoku University, Sendai 981-8555, Japan.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Sep 17) 274 (38) 26705-12.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199910  
ED Entered STN: 19991026  
Last Updated on STN: 19991026  
Entered Medline: 19991013

L4 ANSWER 22 OF 49 MEDLINE DUPLICATE 12  
AN 1999329044 MEDLINE  
DN 99329044 PubMed ID: 10400656  
TI Kinetic analysis of **human** serine/threonine protein phosphatase  
2Calpha.  
AU Fjeld C C; Denu J M  
CS Department of Biochemistry and Molecular Biology, Oregon Health Sciences  
University, Portland, OR 97201-3098, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 16) 274 (29) 20336-43.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199908  
ED Entered STN: 19990827

Last Updated on STN: 19990819  
Entered Medline: 19990819

L4 ANSWER 23 OF 49 MEDLINE DUPLICATE 13  
AN 2000047896 MEDLINE  
DN 20047896 PubMed ID: 10580002  
TI Dephosphorylation of cyclin-dependent kinases by type 2C protein phosphatases.  
AU Cheng A; Ross K E; Kaldis P; Solomon M J  
CS Department of Molecular Biophysics and Biochemistry, Yale University School of Medicine, New Haven, Connecticut 06520-8024, USA.  
NC GM47830 (NIGMS)  
SO GENES AND DEVELOPMENT, (1999 Nov 15) 13 (22) 2946-57.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200001  
ED Entered STN: 20000114  
Last Updated on STN: 20020420  
Entered Medline: 20000106

L4 ANSWER 24 OF 49 MEDLINE  
AN 1999196753 MEDLINE  
DN 99196753 PubMed ID: 10096895  
TI Regulation of recombinant cardiac cystic fibrosis transmembrane conductance regulator chloride channels by protein kinase C.  
AU Yamazaki J; Britton F; Collier M L; Horowitz B; Hume J R  
CS Department of Physiology and Cell Biology, University of Nevada School of Medicine, Reno, Nevada 89557-0046, USA.  
NC HL52803 (NHLBI)  
SO BIOPHYSICAL JOURNAL, (1999 Apr) 76 (4) 1972-87.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199905  
ED Entered STN: 19990525  
Last Updated on STN: 19990525  
Entered Medline: 19990507

L4 ANSWER 25 OF 49 MEDLINE DUPLICATE 14  
AN 1999328892 MEDLINE  
DN 99328892 PubMed ID: 10398679  
TI Heat-shock-induced activation of stress MAP kinase is regulated by threonine- and tyrosine-specific phosphatases.  
AU Nguyen A N; Shiozaki K  
CS Section of Microbiology, University of California, Davis, California 95616, USA.  
SO GENES AND DEVELOPMENT, (1999 Jul 1) 13 (13) 1653-63.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199908  
ED Entered STN: 19990816  
Last Updated on STN: 19990816  
Entered Medline: 19990805

L4 ANSWER 26 OF 49 MEDLINE  
AN 1999229680 MEDLINE  
DN 99229680 PubMed ID: 10214867  
TI Expressions of four major protein Ser/Thr phosphatases in human primary leukemic cells.  
AU Yamamoto M; Suzuki Y; Kihira H; Miwa H; Kita K; Nagao M; Tamura S; Shiku H; Nishikawa M

CS The 2nd Department of Internal Medicine, Mie University School of  
Medicine, Tsu, Japan.  
SO LEUKEMIA, (1999 Apr) 13 (4) 595-600.  
Journal code: 8704895. ISSN: 0887-6924.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199905  
ED Entered STN: 19990525  
Last Updated on STN: 19990525  
Entered Medline: 19990510

L4 ANSWER 27 OF 49 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 15  
AN 1999:619664 SCISEARCH  
GA The Genuine Article (R) Number: 223QG  
TI Inwardly rectifying K<sup>+</sup> currents in fetal alveolar type II cells:  
regulation by protein kinase A and protein phosphatases  
AU Monaghan A S; Baines D L; Muimo R; Olver R E (Reprint)  
CS UNIV DUNDEE, NINEWELLS HOSP & MED SCH, TAYSIDE INST CHILD HLTH, LUNG  
MEMBRANE TRANSPORT GRP, DUNDEE DD1 9SY, SCOTLAND (Reprint); UNIV DUNDEE,  
NINEWELLS HOSP & MED SCH, TAYSIDE INST CHILD HLTH, LUNG MEMBRANE TRANSPORT  
GRP, DUNDEE DD1 9SY, SCOTLAND  
CYA SCOTLAND  
SO PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY, (AUG 1999) Vol. 438, No.  
3, pp. 371-377.  
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.  
ISSN: 0031-6768.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 21  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 28 OF 49 HCAPLUS COPYRIGHT 2003 ACS  
AN 1998:721462 HCAPLUS  
DN 129:326984  
TI Cloning and cDNA sequence encoding a **human** protein phosphatase  
IN Hanke, Michael; Paulista, Michael; Pohl, Jens  
PA Biopharm Gesellschaft Zur Biotechnologischen Entwicklung Von Pharmaka Mbh,  
Germany  
SO Eur. Pat. Appl., 15 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI EP 874052 A2 19981028 EP 1998-107346 19980422  
EP 874052 A3 19990224  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
PRAI EP 1997-106658 19970422

L4 ANSWER 29 OF 49 MEDLINE  
AN 1998334654 MEDLINE  
DN 98334654 PubMed ID: 9668103  
TI Functional characterization and localization of protein phosphatase type  
2C from Paramecium.  
AU Grothe K; Hanke C; Momayezi M; Kissmehl R; Plattner H; Schultz J E  
CS Pharmazeutisches Institut der Universitat Tübingen, D-72076 Tübingen,  
Germany.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Jul 24) 273 (30) 19167-72.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-P35813; GENBANK-Y13936; GENBANK-Z36985

EM 199808  
ED Entered STN: 19980828  
Last Updated on STN: 19980828  
Entered Medline: 19980820

L4 ANSWER 30 OF 49 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 16  
AN 1998:667964 SCISEARCH  
GA The Genuine Article (R) Number: 114ML  
TI Protein **phosphatase 2C** alpha inhibits the  
**human** stress-responsive p38 and JNK MAPK pathways  
AU Takekawa M; Maeda T; Saito H (Reprint)  
CS HARVARD UNIV, SCH MED, DANA FARBER CANC INST, BOSTON, MA 02115 (Reprint);  
HARVARD UNIV, SCH MED, DANA FARBER CANC INST, BOSTON, MA 02115; HARVARD  
UNIV, SCH MED, DEPT BIOL CHEM & MOL PHARMACOL, BOSTON, MA 02115  
CYA USA  
SO EMBO JOURNAL, (17 AUG 1998) Vol. 17, No. 16, pp. 4744-4752.  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.  
ISSN: 0261-4189.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 47  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

=> d 31-40

L4 ANSWER 31 OF 49 MEDLINE  
AN 1998275175 MEDLINE  
DN 98275175 PubMed ID: 9612228  
TI Differential regulation of single CFTR channels by **PP2C**, PP2A,  
and other phosphatases.  
AU Luo J; Pato M D; Riordan J R; Hanrahan J W  
CS Department of Physiology, McGill University, Montreal, Quebec, Canada.  
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1998 May) 274 (5 Pt 1) C1397-410.  
Journal code: 0370511. ISSN: 0002-9513.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980713  
Last Updated on STN: 19980713  
Entered Medline: 19980701

L4 ANSWER 32 OF 49 MEDLINE DUPLICATE 17  
AN 1998115859 MEDLINE  
DN 98115859 PubMed ID: 9448270  
TI Mutational analysis of protein **phosphatase 2C** involved  
in abscisic acid signal transduction in higher plants.  
AU Sheen J  
CS Department of Molecular Biology, Massachusetts General Hospital,  
Department of Genetics, Harvard Medical School, Boston, MA 02114, USA..  
sheen@frodo.mgh.harvard.edu  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1998 Feb 3) 95 (3) 975-80.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199803  
ED Entered STN: 19980319  
Last Updated on STN: 20030128  
Entered Medline: 19980311

L4 ANSWER 33 OF 49 MEDLINE  
AN 1999009265 MEDLINE  
DN 99009265 PubMed ID: 9790950



TI Isoform-specific phosphorylation of fission yeast type 2C protein phosphatase.  
 AU Kobayashi T; Sadaie M; Ohnishi M; Wang H; Ikeda S; Hanada M; Yanagawa Y; Nakajima T; Tamura S  
 CS Institute of Development, Aging and Cancer, Tohoku University, Sendai, 980-8575, Japan.  
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1998 Oct 9) 251 (1) 296-300.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199811  
 ED Entered STN: 19990106  
 Last Updated on STN: 19990106  
 Entered Medline: 19981123

L4 ANSWER 34 OF 49 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 18  
 AN 1998:572810 SCISEARCH  
 GA The Genuine Article (R) Number: 102AW  
 TI The cloning expression and tissue distribution of **human PP2C** beta

AU Marley A E (Reprint); Kline A; Crabtree G; Sullivan J E; Beri R K  
 CS ZENECA PHARMACEUT, CARDIOVASC MUSCULOSKELETAL & METAB DEPT, ALDERLEY PK, MACCLESFIELD SK10 4TG, CHESHIRE, ENGLAND (Reprint)  
 CYA ENGLAND  
 SO FEBS LETTERS, (10 JUL 1998) Vol. 431, No. 1, pp. 121-124.  
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.  
 ISSN: 0014-5793.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 7  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 35 OF 49 HCAPLUS COPYRIGHT 2003 ACS DUPLICATE 19  
 AN 1997:321436 HCAPLUS  
 DN 126:292021  
 TI Manipulation and detection of protein **phosphatase 2c** expression in tumor cells for cancer therapy, prevention and detection  
 IN Lavi, Sara  
 PA Ramot-University Authority for Applied Research And Industrial Development Ltd., Israel; Lavi, Sara  
 SO PCT Int. Appl., 101 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

|      | PATENT NO.     | KIND                                                                                                                                                                                       | DATE     | APPLICATION NO. | DATE     |
|------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------|
| PI   | WO 9710796     | A2                                                                                                                                                                                         | 19970327 | WO 1996-IB1021  | 19960830 |
|      | WO 9710796     | A3                                                                                                                                                                                         | 19970619 |                 |          |
|      | W:             | AL, AU, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
|      | RW:            | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG                                         |          |                 |          |
|      | AU 9669980     | A1                                                                                                                                                                                         | 19970409 | AU 1996-69980   | 19960830 |
|      | AU 723055      | B2                                                                                                                                                                                         | 20000817 |                 |          |
|      | CN 1194667     | A                                                                                                                                                                                          | 19980930 | CN 1996-196623  | 19960830 |
|      | EP 876507      | A2                                                                                                                                                                                         | 19981111 | EP 1996-931190  | 19960830 |
|      | R:             | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI                                                                                                                             |          |                 |          |
|      | JP 11512294    | T2                                                                                                                                                                                         | 19991026 | JP 1996-512533  | 19960830 |
| PRAI | US 1995-3114P  | P                                                                                                                                                                                          | 19950901 |                 |          |
|      | WO 1996-IB1021 | W                                                                                                                                                                                          | 19960830 |                 |          |

L4 ANSWER 36 OF 49 MEDLINE DUPLICATE 0  
 AN 1998021492 MEDLINE  
 DN 98021492 PubMed ID: 9380758  
 TI Protein **phosphatase 2C** dephosphorylates and  
 inactivates cystic fibrosis transmembrane conductance regulator.  
 AU Travis S M; Berger H A; Welsh M J  
 CS Department of Internal Medicine, University of Iowa College of Medicine,  
 Iowa City, IA 52242, USA.  
 NC DK25295 (NIDDK)  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (1997 Sep 30) 94 (20) 11055-60.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199711  
 ED Entered STN: 19971224  
 Last Updated on STN: 19971224  
 Entered Medline: 19971110

L4 ANSWER 37 OF 49 SCISEARCH COPYRIGHT 2003 ISI (R)  
 AN 1998:179930 SCISEARCH  
 GA The Genuine Article (R) Number: YY902  
 TI Relationship of glycogen synthase and glycogen phosphorylase to protein  
**phosphatase 2C** and cAMP-dependent protein kinase in  
 liver of obese rhesus monkeys  
 AU Ortmeyer H K (Reprint)  
 CS UNIV MARYLAND, SCH MED, DEPT PHYSIOL, OBESIT & DIABET RES CTR, 10 S PINE  
 ST, ROOM 6-00, BALTIMORE, MD 21201 (Reprint)  
 CYA USA  
 SO OBESITY RESEARCH, (NOV 1997) Vol. 5, No. 6, pp. 613-621.  
 Publisher: NORTH AMER ASSOC STUDY OBESITY, 6400 PERKINS RD, BATON ROUGE,  
 LA 70808.  
 ISSN: 1071-7323.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 25  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 38 OF 49 MEDLINE DUPLICATE 21  
 AN 97420453 MEDLINE  
 DN 97420453 PubMed ID: 9276438  
 TI **PP2C** gamma: a **human** protein phosphatase with a unique  
 acidic domain.  
 AU Travis S M; Welsh M J  
 CS Department of Internal Medicine, University of Iowa College of Medicine,  
 Iowa City 52242, USA.. travis@blue.weeg.uiowa.edu  
 NC DK25295 (NIDDK)  
 SO FEBS LETTERS, (1997 Aug 4) 412 (3) 415-9.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-D17411; GENBANK-D17412; GENBANK-D28117; GENBANK-J04503;  
 GENBANK-L14593; GENBANK-L15559; GENBANK-L26970; GENBANK-L34881;  
 GENBANK-L34882; GENBANK-S87757; GENBANK-S87759; GENBANK-S90449;  
 GENBANK-U29515; GENBANK-U72346; GENBANK-U72498; GENBANK-X77116;  
 GENBANK-X78866; GENBANK-Y13936; GENBANK-Z36985  
 EM 199709  
 ED Entered STN: 19970922  
 Last Updated on STN: 19970922  
 Entered Medline: 19970911

L4 ANSWER 39 OF 49 MEDLINE DUPLICATE 22  
 AN 97415419 MEDLINE  
 DN 97415419 PubMed ID: 9271218

TI Specificity of different forms of protein phosphatase-2A and protein  
**phosphatase-2C** studied using site-directed mutagenesis  
of HMG-CoA reductase.  
AU Ching Y P; Kobayashi T; Tamura S; Hardie D G  
CS Biochemistry Department, The University, Dundee, Scotland, UK.  
SO FEBS LETTERS, (1997 Jul 14) 411 (2-3) 265-8.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19971008  
Last Updated on STN: 19971008  
Entered Medline: 19970923

L4 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2003 ACS  
AN 1997:691084 HCAPLUS  
DN 128:44403  
TI Drosophila DPP2C1, a novel member of the protein **phosphatase**  
**2C (PP2C)** family  
AU Dick, Thomas; Bahri, Sami M.; Chia, William  
CS Institute of Molecular and Cell Biology, National University of,  
Singapore, 119260, Singapore  
SO Gene (1997), 199(1-2), 139-143  
CODEN: GENED6; ISSN: 0378-1119  
PB Elsevier  
DT Journal  
LA English

=> d 41-49

L4 ANSWER 41 OF 49 MEDLINE  
AN 97157941 MEDLINE  
DN 97157941 PubMed ID: 9004220  
TI Structural relationship between a bacterial developmental protein and  
eukaryotic **PP2C** protein phosphatases.  
AU Adler E; Donella-Deana A; Arigoni F; Pinna L A; Stragler P  
CS Institut de Biologie Physico-Chimique, Paris, France.  
SO MOLECULAR MICROBIOLOGY, (1997 Jan) 23 (1) 57-62.  
Journal code: 8712028. ISSN: 0950-382X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199703  
ED Entered STN: 19970407  
Last Updated on STN: 19970407  
Entered Medline: 19970326

L4 ANSWER 42 OF 49 MEDLINE DUPLICATE 23  
AN 97157470 MEDLINE  
DN 97157470 PubMed ID: 9003755  
TI Crystal structure of the protein serine/threonine **phosphatase**  
**2C** at 2.0 A resolution.  
AU Das A K; Helps N R; Cohen P T; Barford D  
CS Laboratory of Molecular Biophysics, University of Oxford, UK.  
SO EMBO JOURNAL, (1996 Dec 16) 15 (24) 6798-809.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199702  
ED Entered STN: 19970227  
Last Updated on STN: 19980206  
Entered Medline: 19970213

L4 ANSWER 43 OF 49 MEDLINE DUPLICATE 24  
 AN 96416268 MEDLINE  
 DN 96416268 PubMed ID: 8819174  
 TI The protein **phosphatase 2C (PP2C)**  
 superfamily: detection of bacterial homologues.  
 AU Bork P; Brown N P; Hegyi H; Schultz J  
 CS European Molecular Biology Laboratory, Heidelberg, Germany..  
 bork@embl-heidelberg.de  
 SO PROTEIN SCIENCE, (1996 Jul) 5 (7) 1421-5.  
 Journal code: 9211750. ISSN: 0961-8368.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199704  
 ED Entered STN: 19970422  
 Last Updated on STN: 19970422  
 Entered Medline: 19970410

L4 ANSWER 44 OF 49 MEDLINE DUPLICATE 25  
 AN 97156984 MEDLINE  
 DN 97156984 PubMed ID: 9003365  
 TI Biochemical characterization and deletion analysis of recombinant  
**human protein phosphatase 2C alpha**.  
 AU Marley A E; Sullivan J E; Carling D; Abbott W M; Smith G J; Taylor I W;  
 Carey F; Beri R K  
 CS Cardiovascular and Musculoskeletal Research Department, Zeneca  
 Pharmaceuticals, Macclesfield, Cheshire, U.K.  
 SO BIOCHEMICAL JOURNAL, (1996 Dec 15) 320 ( Pt 3) 801-6.  
 Journal code: 2984726R. ISSN: 0264-6021.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199702  
 ED Entered STN: 19970305  
 Last Updated on STN: 19970305  
 Entered Medline: 19970214

L4 ANSWER 45 OF 49 LIFESCI COPYRIGHT 2003 CSA  
 AN 96:105244 LIFESCI  
 TI The mouse protein **phosphatase 2C beta** (Ppmlb) gene  
 maps to the distal part of mouse chromosome 17  
 AU Watanabe, T.; Ohnishi, M.; Kobayashi, T.; Oishi, M.; Tamura, S.\*  
 CS Dep. Biochem., Inst. Dev., Aging, and Cancer, Tohoku Univ., 4-1  
 Seiryomachi, Aoba-ku, Sendai 980, Japan  
 SO GENOMICS, (1996) vol. 33, no. 1, pp. 147-149.  
 ISSN: 0888-7543.  
 DT Journal  
 FS G  
 LA English

L4 ANSWER 46 OF 49 MEDLINE DUPLICATE 26  
 AN 96140560 MEDLINE  
 DN 96140560 PubMed ID: 8549768  
 TI 5'-AMP inhibits dephosphorylation, as well as promoting phosphorylation,  
 of the AMP-activated protein kinase. Studies using bacterially expressed  
**human protein phosphatase-2C alpha** and native  
 bovine protein phosphatase-2AC.  
 AU Davies S P; Helps N R; Cohen P T; Hardie D G  
 CS Department of Biochemistry, The University, Dundee, Scotland, UK.  
 SO FEBS LETTERS, (1995 Dec 27) 377 (3) 421-5.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199602  
 ED Entered STN: 19960306

Last Updated on STN: 19970  
Entered Medline: 19960221

L4 ANSWER 47 OF 49 MEDLINE  
AN 96085229 MEDLINE  
DN 96085229 PubMed ID: 7498522  
TI Up-regulation of protein serine/threonine phosphatase type 2C during 1  
alpha,25-dihydroxyvitamin D3-induced monocytic differentiation of leukemic  
HL-60 cells.  
AU Nishikawa M; Omay S B; Nakai K; Kihira H; Kobayashi T; Tamura S; Shiku H  
CS 2nd Department of Internal Medicine, Mie University School of Medicine,  
Japan.  
SO FEBS LETTERS, (1995 Nov 20) 375 (3) 299-303.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960217  
Last Updated on STN: 19970203  
Entered Medline: 19960117

L4 ANSWER 48 OF 49 MEDLINE DUPLICATE 27  
AN 95116318 MEDLINE  
DN 95116318 PubMed ID: 7816619  
TI Cloning of cDNAs from Arabidopsis thaliana that encode putative protein  
**phosphatase 2C** and a **human** Drl-like protein by  
transformation of a fission yeast mutant.  
AU Kuromori T; Yamamoto M  
CS Department of Biophysics and Biochemistry, School of Science, University  
of Tokyo, Japan.  
SO NUCLEIC ACIDS RESEARCH, (1994 Dec 11) 22 (24) 5296-301.  
Journal code: 0411011. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D38109; GENBANK-D38110  
EM 199502  
ED Entered STN: 19950217  
Last Updated on STN: 20030202  
Entered Medline: 19950203

L4 ANSWER 49 OF 49 MEDLINE  
AN 92182001 MEDLINE  
DN 92182001 PubMed ID: 1311954  
TI Mammalian protein serine/threonine **phosphatase 2C**:  
cDNA cloning and comparative analysis of amino acid sequences.  
AU Mann D J; Campbell D G; McGowan C H; Cohen P T  
CS Department of Biochemistry, The University, Dundee, UK.  
SO BIOCHIMICA ET BIOPHYSICA ACTA, (1992 Feb 28) 1130 (1) 100-4.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D11334; GENBANK-M91424; GENBANK-M91425; GENBANK-M91426;  
GENBANK-M91427; GENBANK-M91428; GENBANK-M91429; GENBANK-M91430;  
GENBANK-S87757; GENBANK-S87759  
EM 199204  
ED Entered STN: 19920424  
Last Updated on STN: 19920424  
Entered Medline: 19920416

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(FILE 'HOME' ENTERED AT 15:38:17 ON 18 MAR 2003)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 15:38:29 ON 18 MAR 2003

L1 1273 S PHOSPHATASE 2C  
L2 1127 S PP2C  
L3 161 S L1 AND L2 AND HUMAN  
L4 49 DUP REM L3 (112 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

60.19

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SESSION WILL BE HELD FOR 60 MINUTES